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REBUTTAL TESTIMONY  
OF BRENDA J. PERKINS, WITNESS FOR  
ONCOR ELECTRIC DELIVERY COMPANY LLC & AEP TEXAS INC.

PUBLIC UTILITY COMMISSION  
FILING CLERK

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1 **REBUTTAL TESTIMONY OF BRENDA J. PERKINS**

2 **I. INTRODUCTION**

3 Q. ARE YOU THE SAME BRENDA J. PERKINS WHO SUBMITTED DIRECT  
4 TESTIMONY ON BEHALF OF ONCOR ELECTRIC DELIVERY  
5 COMPANY LLC ("ONCOR") AND AEP TEXAS INC. ("AEP TEXAS")  
6 (ONCOR AND AEP TEXAS TOGETHER, "APPLICANTS") IN THIS  
7 DOCKET?

8 A. Yes.

9 Q. HAVE YOU REVIEWED THE DIRECT TESTIMONY OF COMMISSION  
10 STAFF, INTERVENORS IN THIS DOCKET, AS WELL AS THE  
11 COMMENTS AND RECOMMENDATIONS FILED BY THE TEXAS  
12 PARKS AND WILDLIFE DEPARTMENT ("TPWD")?

13 A. Yes, I have.

14 Q. WHAT IS THE PURPOSE OF YOUR REBUTTAL TESTIMONY?

15 A. The purpose of my rebuttal testimony is to respond to certain aspects of  
16 the direct testimony of various intervenors—including Occidental Permian  
17 Ltd., Oxy Delaware Basin, LLC, Oxy USA, Inc., Oxy USA WTP LP,  
18 Houndstooth Resources, LLC, and Occidental West Texas Overthrust,  
19 Inc. (together, "Oxy"); COG Operating, LLC ("COG"); Forrister Generation-  
20 Skipping Trust ("Forrister"); Alan Zeman ("Zeman"); and Plains Marketing,  
21 L.P. and Plains Pipeline, L.P. (together, "Plains")—and Commission Staff  
22 as well as certain of TPWD's comments regarding the route selection for  
23 the Applicants' Sand Lake – Solstice 345 kV Transmission Line Project  
24 ("Proposed Transmission Line Project"). My rebuttal testimony does not  
25 address the separate Bakersfield – Solstice 345 kV transmission line  
26 project.

27 **II. OIL AND GAS DEVELOPMENT**

28 Q. SEVERAL INTERVENORS HAVE DISCUSSED OIL AND GAS  
29 FACILITIES THAT MAY IMPACT THE ROUTES FILED IN THE

1 APPLICATION. HOW DO APPLICANTS RESPOND TO SUCH  
2 COMMENTS?

3 A. Ongoing oil and gas-related development is pervasive within the study  
4 area. It is unavoidable that each of the filed routes impact, to some  
5 degree, such development, even though the precise impacts and their  
6 extent may vary from route to route. As discussed in further detail in the  
7 rebuttal testimony of Applicants' witness Mr. Wilson J. Peppard, Oncor  
8 has substantial experience with, and a longstanding commitment to,  
9 working with affected oil and gas companies, pipelines, and surface estate  
10 owners in resolving routing issues that may be presented by such  
11 development.

12 **III. ROUTE SELECTION**

13 Q. CERTAIN INTERVENORS RECOMMEND THAT THE COMMISSION  
14 SELECT A ROUTE OTHER THAN ROUTE 320. HOW DO YOU  
15 RESPOND?

16 A. As stated in my direct testimony and in the memorandum to file included  
17 as Attachment No. 12 to Applicants' CCN Application, I continue to  
18 recommend the Commission select Route 320 because I believe it is the  
19 route that, all things considered, best meets the factors set forth by the  
20 Legislature in Texas Utilities Code § 37.056 and by the Commission in 16  
21 Texas Administrative Code ("TAC") § 25.101, including the Commission's  
22 policy of prudent avoidance. Each route filed with the Company's CCN  
23 application, however, is viable and worthy of selection by the Commission,  
24 because all of the filed routes comply with those factors. I also note that  
25 intervenors Forrister and Zeman support Route 320, COG prefers Route  
26 320 with certain modifications, and Plains does not oppose Route 320.

27 Q. HOW DO YOU RESPOND TO OXY'S RECOMMENDATION THAT THE  
28 COMMISSION SELECT MODIFIED ROUTE 328 (AS STATED IN ITS  
29 DIRECT TESTIMONY) OR MODIFIED ROUTE 325 (AS STATED IN ITS  
30 CROSS-REBUTTAL TESTIMONY)?

1 A. Modified Route 328 has some similar characteristics to Route 320 and is  
2 an attractive route the Commission should strongly consider. Modified  
3 Route 325 is another attractive route the Commission should strongly  
4 consider. Overall I continue to believe that Route 320 remains the best  
5 choice for the reasons discussed in my direct testimony and memorandum  
6 to file included with the CCN application. Oxy notes that it is amenable to  
7 a version of Route 320 if certain of its requested modifications to various  
8 links within Route 320 are adopted.

9 Q. COMMISSION STAFF WITNESS MR. BAUTISTA RECOMMENDS  
10 SELECTION OF ROUTE 41 RATHER THAN ROUTE 320. HOW DO  
11 APPLICANTS RESPOND?

12 A. Route 41 is very similar to Route 320. Coming south out of Sand Lake  
13 Switch, both routes initially use Link A and then take divergent paths  
14 before reuniting at Link C2. Whereas Route 41 uses Links B1 and C3,  
15 Route 320 uses Links B2 and B3. Route 320 directly affects 38 habitable  
16 structures, whereas Route 41 directly affects 3 habitable structures, but  
17 Route 41 is estimated to cost approximately \$1.6 million more than Route  
18 320. As discussed in my direct testimony, 32 of the habitable structures  
19 directly affected by Route 320 are attributable to two clusters of newly-  
20 developed mobile living units (commonly referred to in the area as “man  
21 camps”) along Link B2. These apparently temporary mobile living units  
22 account for 32 of the 35 additional habitable structures that Route 320  
23 directly affects, as compared to Route 41.

24 Q. TPWD RECOMMENDS ROUTE 324 BECAUSE IT CLAIMS THIS ROUTE  
25 HAS THE LEAST POTENTIAL TO IMPACT FISH AND WILDLIFE  
26 RESOURCES (PP. 4-5). HOW DO APPLICANTS RESPOND?

27 A. In addition to potential fish and wildlife impacts, there are other differences  
28 between Route 324 and Route 320 that should be considered. Route 324  
29 is 47.2 miles in length whereas Route 320 is the shortest alternative route  
30 at 44.5 miles in length. Route 320 is the least expensive filed route, while

1 Route 324 costs approximately \$7 million more than Route 320. Unlike  
2 Route 324, which has 2 FM or other electronic installations within 2,000  
3 feet of its centerline, Route 320 impacts no such installations. On behalf  
4 of Applicants, I holistically considered the totality of the routing factors  
5 required by PURA and the Commission's rules. While I continue to  
6 believe Route 320 best meets the applicable routing factors under PURA  
7 and the Commission's rules, Route 324 is a viable and acceptable route to  
8 Applicants should the Commission determine that it best meets the  
9 applicable requirements when considering all relevant routing factors.

10 **IV. NOTICE OF REQUESTED ROUTE MODIFICATIONS**

11 Q. OXY AND COG PROPOSE A NUMBER OF ROUTE MODIFICATIONS IN  
12 THEIR DIRECT TESTIMONIES, AS AMENDED, SUPPLEMENTED,  
13 AND/OR WITHDRAWN IN THEIR CROSS-REBUTTAL TESTIMONIES.  
14 PLEASE DESCRIBE HOW LANDOWNERS ARE DIRECTLY AFFECTED  
15 BY THESE REQUESTED MODIFICATIONS.

16 A. Exhibits RJM-R-1 through RJM-R-6 to Applicants' witness Mr. Russell J.  
17 Marusak's rebuttal testimony show Applicants' understanding of these  
18 intervenors' requested route modifications. The requested modifications  
19 to Links E1/F1, J1/J7, and K11 would only directly affect intervenors who  
20 received notice of the Proposed Transmission Line Project, but did not  
21 receive notice of these intervenors' requested route modifications. The  
22 other requested route modifications to Links C2, D31, and the Link F3  
23 portion of the overall F3/G4/G51/G52 modification would directly affect the  
24 properties of at least some landowners who were not sent notice of the  
25 Proposed Transmission Line Project. Applicants do not oppose these  
26 requested modifications if all directly affected landowners provide written  
27 consent.

28 **V. CONCLUSION**

29 Q. DOES THIS CONCLUDE YOUR REBUTTAL TESTIMONY?

30 A. Yes, it does.

**AFFIDAVIT**

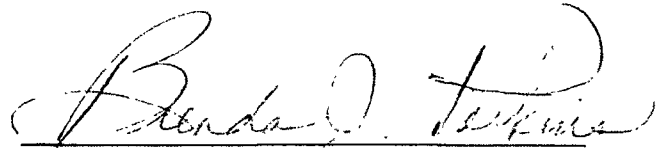
STATE OF TEXAS

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COUNTY OF Tarrant

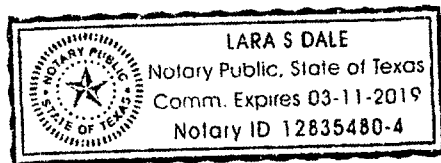
**BEFORE ME**, the undersigned authority, on this day personally appeared Brenda J. Perkins who, having been placed under oath by me, did depose as follows:

My name is Brenda J. Perkins. I am of legal age and a resident of the State of Texas. The foregoing testimony offered by me is true and correct, and the opinions stated therein are, to the best of my knowledge and belief, accurate, true and correct.



Brenda J. Perkins

**SUBSCRIBED AND SWORN TO BEFORE ME** by the said Brenda J. Perkins on this 5th day of February, 2019.



Notary Public, State of Texas

SOAH Docket No. 473-19-1265  
PUC Docket No. 48785

Perkins – Rebuttal  
Oncor & AEP Texas  
Sand Lake – Solstice CCN